

## ABSTRACT

A system for controlling the braking system of a towed vehicle being towed by a towing vehicle having a towing vehicle subsystem for the towing vehicle and a towed vehicle subsystem for the towed vehicle. The towing vehicle subsystem includes a towing vehicle control mechanism having a brakes-on indicator and a towing vehicle receiver mechanism for receiving wireless modulated digital signals. The towed vehicle subsystem for a towed vehicle includes a towed vehicle control mechanism, a linkage mechanism connecting the towed vehicle control mechanism to the braking system of the towed vehicle, a sensing mechanism for sensing activation of the braking system of the towed vehicle, and a towed vehicle transmitter mechanism for transmitting wireless modulated digital signals to the towing vehicle transmitter mechanism, wherein actuation of the towing vehicle control mechanism by an operator of the towing vehicle actuates the towed vehicle control mechanism causing the linkage mechanism to actuate the braking system of the towed vehicle and wherein the sensing mechanism, upon sensing actuation of the braking system of the towed vehicle, causes the towed vehicle transmitter mechanism to wirelessly transmit modulated digital signals to the towing vehicle receiver mechanism which, in conjunction with the towing vehicle control mechanism, causes the display device to indicate that the braking system of the towed vehicle has been actuated. A modified embodiment further includes a towing vehicle transmitter mechanism and a towed vehicle receiver mechanism for wirelessly actuating the braking system of the towed vehicle without actuating the braking system of the towing vehicle.